

Claims:

1. Valve body with a needle (22) and a cartridge (21) with a recess (211), which takes in the needle (22) and which comprises on one of its ends a seat plate (213), that comprises a needle seat (2132) for the inward opening needle (22), with the needle (22) further comprising a seat-part (221) with a sealing area (222), that is destined to rest on the needle seat (2132), if it is pushed against the needle seat (2132), with the seat-part (221) comprising a cavity radially inwards and in proximity to the sealing area (222).
2. Valve body in accordance with claim 1 with the cavity being formed as a blind hole (223).
3. Valve body in accordance with one of the preceding claims with a filler part (226), that is taken in the cavity.
4. Valve body in accordance with claim 3 with the filler part (226) protruding into a sack volume (2133) formed in the seat plate (213).
5. Valve body in accordance with one of the claims 3 or 4, with the filler part (226) consisting of plastics.
6. Valve body in accordance with one of the preceding claims with the cavity being formed in an annular shape.
7. Valve body in accordance with claim 6 with part of the seat part (221) protruding into a sack volume (2133) formed in the seat plate (213).
8. Valve body in accordance with one of the preceding claims with the seat part (221) being spherically shaped.

9. Valve body in accordance with claim 8 with the seat part (221) being formed by a ball (228) with a hole passing through the ball (228), where the needle (22) is taken in and which forms together with the needle (22) a cavity.

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10. Fluid injector with a housing (1), an actuator unit and a valve body (2) in accordance with one of the preceding claims.